

1907 no.2

California

Vernon Bailey

1907

Calif.

July 22 Santa Ana  
Ocangal

Olive

Santa Ana R.

*Opuntia occidentalis*, species <sup>com</sup>  
" <sup>l. few</sup>  
" <sup>spray</sup>  
" <sup>a few</sup>  
" <sup>and</sup>

*Nicotiana glauca*

*Baccharis viminea*

*Croton californicus*

*Eremocarpus setiger*

*Cirsocarpus*

*Salix*

abu. <sup>com</sup>

" "

" gcr. <sup>abu</sup>

" " <sup>com</sup>

along stream

" " <sup>4</sup>

" <sup>up canyon</sup>  
*Populus tremuloides*

*Platanus*

*Quercus agrifolia*

*Rhus laurina*

*Eriogonum fasciculatum*

*Athemis californica*

*Ranunculus polystachya*

" <sup>stachyoides</sup>

on flats <sup>4</sup>

on foothills <sup>4</sup>

" " <sup>4</sup>

*Pseudotriglochin macrocephala*  
(in 4 gulches of Santa Ana Rts.)

## Coronado

<i>Drimocarpus stellatus</i>	abn
<i>Artemisia californica</i>	"
<i>Eriogonum fasciculatum</i>	"
<u>Canyons</u>	
<i>Rhus laevigata</i>	"
" <i>ovata</i>	"
<i>Rhamnus crocea</i>	along cr.
<i>Platynus</i>	"
<i>Ranunculus polystachys</i>	com
" <i>stachyodes</i>	"
<i>Erythronium tuolumnense</i>	"
<i>Paeonia</i>	leaffss
<i>Thlaspi californicum</i>	"
<i>Buckleya agerifolia</i>	on foot hills
<i>Hedysarum</i>	com
<i>Rhus trilobata</i>	"
<i>Pentstemon amethystaceus</i> yellow	"
<i>Circocarpus parvifolius</i>	"
<i>Romneya coulteri</i>	"
<i>Rhamnus torreyi</i>	"
<i>Yucca whipplei</i>	"
<i>Lonicera</i>	"
<i>Rosa</i>	"
<i>Rubus</i> 2	"
<i>Mimulus glutinosus</i>	"
<i>Acer macrophyllum</i>	a few
<i>Adonis lutea</i>	abn high up
<i>Dudleya</i>	a few
<i>Pseudostellaria macrocarpa</i>	mid up

## Ribes

<i>Ribes cereum</i>	few
<i>Crataegus glauca</i>	"
" <i>intergerinum</i> ?	"
<i>Fragaria</i>	"
<i>Rhus glauca</i>	com
<i>Delphinium</i>	"
<i>Malus</i>	abn few
<i>Selaginella</i>	few
<i>Salix</i> 2	com
"	"
<i>Barebiaus viscidus</i>	along cr.
<i>Hosackia glabra</i>	abn
<i>Semiaria dogensis</i>	com

## Terrestrial

<i>Odocoileus</i>	
<i>Citellus beecheyi</i>	
<i>Neotoma macroura</i>	
" <i>intermedia</i>	
<i>Peromyscus</i>	
"	
<i>Mesocitellus californicus</i>	
<i>Perodipus</i>	
<i>Thomomys pallidus</i>	
<i>Canis</i>	
<i>Urocyon</i>	
<i>Procyon</i>	
<i>Lynx</i>	
<i>Felis</i>	
<i>Scapanus</i>	
<i>Vesperomys pacos</i>	

July 23 Corona W

C. *Erythronium*  
 A. *Artemesia*  
 E. *Erigeron*  
 P. *Platina*  
 R. *Rhus*  
 R. *Rhamnus*  
 P. *Populus*  
 R. *Rhamnus*  
 P. *Polygonum*  
 Qu. *Quercus*  
 He. *Heuchera*  
 R. *Rhus*  
 P. *Pithecellobium*  
 C. *Cercocarpus*  
 R. *Fraxinus*  
 R. *Acer*  
 K. *Aristostophytes*  
 L. *Adenostoma*  
 R. *Vitis*  
 R. *Rubus*  
 C. *Umbelluloria*  
 C. *Quercus*  
 P. *Pistacia*

Rowena polystachya 9200 - x  
 " stechoides " - x  
 Mimulus luteus scarlet  
 " glauca -  
 Pteris  
 Woodsia  
 Adiantum  
 Common fern + others  
 Aralia  
 Ribes sanguineum  
 " spiny  
 " posy  
 Eriogonum fasciculatum  
 Yucca whipplei 1400 - x  
 Zoniera subspicata  
 Eriogonum tomentosum  
 Artemesia californica  
 Romneya coulteri  
 Dudleya pulverulenta  
 Pseudotsuga menziesii 2500 - 5300  
 Prunus ilicifolia below hotel  
 Opuntia occidentalis in valley  
 " bernardina "  
 Eremocarpus setigerus "  
 Biscutella chrysanthra "  
 Baedea ornata "  
 " leaves "  
 Sambucus glauca "  
 Rhamnus crocea "

Temescal

C. *Sonneratia californica* in valley  
C. *Croton californicus* ?  
Ar. *Cucurbita*  
Er. *Medicago*  
Artemisia? tall.

*Eryngiopsis setigera* abn.  
*Cedrela californica* "  
*Media elegans* "  
*Gutierrezia diversifrons*; tall "  
*Trichostema lanceolatum* "

Tuly 2 to Elsinore

Rha *Juniperus monosperma* trees  
Pis. *Baccharis viminea* along Cr.  
Ra. " *enormis* "  
" *Pluchea borealis* "  
Eric. *Opuntia occidentalis* abn  
" *brevirostris* "  
Ceanothus divaricatus spv.  
Eryngiopsis setigera  
Croton californicus

Oranges in town + country  
Lemons wreath of lake  
Olives "  
Pipper trees in town  
Acacia's "  
Opuntia trees  
Agave gigantea + marginata com

Elsinore

Artemisia californica on hill  
Ranunculus polystachys "  
" *daucoides* "  
Erriogonum fasciculatum "

Salix nigra vallida along  
" *macrostachys* silty "  
" *lasiolepis* high "  
" *lurigata* along lake  
Pluchea borealis "  
Baccharis viminea "  
" *enormis* "

July 29 Elsinore 7 A.M.

Perris -

On hills - same bushes

In valley

Eriogonarp sitigera

Quertezia divergens

Trichostema lanceolatum

Atriplex

Abronia

Heuch

Washingtonia

Pheasant

Agaves . . . big

Orange

Lemon, grapefruit

Olive

Loquat

Pomegranate

Walnut

Pepper Tree

Apricots

Peaches

Pear

Figs

Eucalyptus

Catalpa

Aleander

Almond

Groakle

Heuch

July 20.

1600 ft

Eriogonarp sitigera - 2500 abn

Orotor cabojina - 2500 "

Monrovia umbellata? - 2500 "

Cassubita factidrioides - 2500 com

" " - 2000 "

" " - 2500 "

Argemone - "

Salvia - "

Mesilex pink - "

Silianthus annus - "

Atriplex - 2000 com. in place

Baccharis viridis - 2500 "

" " " - 2000 " " - 2000

Madia elegans com. - 2000 "

Anemone - "

Oenothera accidentalis - 2500 com. in place

Populus  fremonti - 3000 "

Geotrisia divergens - 2000 "

Gambusia glauca - 5500 "

Yucca nothocarpa - 2500 "

potthill 1950 - 2000 "

Ramona polystachya - 3000 "

Eriogonum tomentosum - 5000 "

Hosackia glabra - 4500 "

Eriogonum patens elatum - 5000 "

Artemisia californica - 3000 "

Phoradendron - 2500 "

Citrus on cottonwood - 4000 "

Spiraea verbascifolia - 2500 "

C	<i>Desmodium aginfolis</i>	2000-2500	<i>Erica</i> sp. <i>Myrsidiflora</i>	4300
Ere	<i>Rhamnus</i> sp. <i>Velutina</i> ?	2000-4000	"	<i>Erica</i> sp. 2500-5000
Ar	" " <i>lanceolata</i>	" 5000 " 4500	<i>Pinus</i> <i>monilifera</i>	4500-
Er	<i>Sidix macrostachya</i>	1800-2000	<i>Lithospermum</i>	" -
Rhu	<i>Opuntia bernardina</i>	" 2500	<i>Circocarpus parvifolius</i>	2500-5000
Rhu	<i>Cercocarpus pacificus</i>	22400-23	<i>Adenostoma sparsifolium</i> big	3000-5000
"	<i>Rhus velutina</i>	2000-3000	<i>Arctostaphylos</i> <sup>petula</sup> <del>maguirei</del> ?	aneth
Rho	" " <i>grisea</i>	" 2500	<i>Quercus californica</i>	4000-
Ph	" " <i>laureola</i>	" "	<i>Pseudotaxus macrocarpa</i>	3300-5200 <sup>22</sup>
Pa	" " <i>divisiloba</i>	" 1100	<i>Pinus jeffreyi</i>	4500-
Er	<i>Adenostoma</i> sp. <sup>not</sup>	2500-5000	<i>Arctostaphylos</i>	aneth 2000-3500
Pr	<i>Arctostaphylos</i> <sup>not</sup>	2600-	<i>Ceanothus integrifolius</i>	" -
Po	<i>Artemisia tridentata</i> a few at 2000	"	<i>Quercus californica</i>	4500-
R	<i>Rhus</i> 2000	"	" <i>viscidula</i>	2500-5000
Qu	<i>Pectis</i> sp.	brash 2000	<i>Lupinus</i>	- 1500
He	<i>Yucca whipplei</i>	2200-3200	"	- 4
R	<i>Alnus</i>	2000-5500	<i>Psoralea</i>	fig 6000
Pa	<i>Solidago</i>	" -	<i>Gilia</i>	- "
Ca	" <i>nigra</i>	" - 2500	<i>Fragaria</i>	- "
Ar	<i>Lilacanthus diversifolius</i> 2000-	"	<i>Apocynum</i>	- "
K	" <i>integerrimus</i> ?	"	<i>Asclepias</i>	big - "
K	<i>Gettysburgia</i>	2000-4000	<i>Asclepiadaceae</i>	- "
K	<i>Fragaria</i> <sup>lanceolata</sup>	" - 3500	"	
R	<i>Parthenocissus</i>	" 500	<i>Quercus wislizenii</i>	2500-5000
R	<i>Vitis</i>	" 2500	<i>Ceanothus cuneatus</i> ?	2500-5000
I	<i>Rosa</i>	3000-6000	<i>Solidago</i>	5000-6500
C	<i>Abies</i> sp. <sup>not</sup>	" 3000	<i>Eriogonum</i>	shrubby - -
C	<i>Oak</i> <sup>large</sup> " 22400	"	"	
P	<i>Phacelia</i> <sup>not</sup> <i>hirsutissima</i>	1100		
P	<i>Passiflora</i> <sup>not</sup> <i>lutea</i>	1100		
P	<i>Nicotiana glauca</i>	a few "		

Edgewood

C	<i>Pinus contorta</i>	4500 - 7000
Ere	" <i>ponderosa</i>	4500 - 8400
Ar	" <i>Jeffreyi</i>	" - 9500
Er	" <i>lambertiana</i>	6000 - 8500
Rhu	<i>Libocedrus decurrens</i>	4500 - 8700
Rho	<i>Abies concolor</i>	6000 - 9500
Rho	<i>Quercus californicus</i>	4800 - 7700
Rho	" <i>chrysolepis</i>	4000 - 7700
Pl	<i>Alnus rhombifolia</i>	2000 - 6500
Ra	<i>Salix</i>	" - 6500
Eri	"	
Po	"	
R	<i>Arctostaphylos viscida</i>	- 6500
R	"	
R	<i>Garrya divaricata</i>	- 6500
R	" <i>intermedia</i>	4500 -
R	<i>Rhamnus tomentella</i>	- 6500
R	Sambucus	- 6000
R	<i>Ribes nevadensis</i>	- 6000
R	<i>Rosa californica</i>	- "
R	<i>Rubus nutkana</i> (parviflora)	- 8500
R	<i>Rhododendron occidentale</i>	5000 - 6000
R	<i>Lonicera</i>	2500 - 5000
R	<i>Pentstemon ternatus</i> scarlet	- 8500
R	" <i>anthochroa</i> bush	- 6000
R	"	
R	"	
R	<i>Cercocarpus parvifolius</i>	2500 - 3000
	" <i>leptophyllus</i>	10000 - 7500

Up Mts Aug. 3.

	<i>Castanopsis</i>	5000 - 10800
	<i>Arctostaphylos</i>	" - 9300
	<i>Pinus flexilis</i>	8200 - 10800
	" <i>murrayana</i>	" - "
	<i>Symplocarpus</i>	9500
	<i>Ribes nevadensis</i>	" 10500
	<i>Prunus</i>	" 9300
	<i>Lupinus</i>	yellow leaf 10000
	<i>Veratrum</i>	white leaf 9000
	<i>Dodecatheon</i>	" - "
	<i>Polygonum</i>	" - "
	<i>Castilleja</i>	red " 9700
	<i>Salix</i>	" 8000
	<i>Campt. Cobin</i>	8500
	<i>Pinus jeffreyi</i>	" 9600
	<i>Abies concolor</i>	" 9100
	<i>Pinus murrayana</i>	8000 - 10800
	" <i>phyllis</i>	" - "
	<i>Ribes nevadensis</i> (scented)	" 10800
	" locustwalk (spiny bay) cut leaf	8500 - 9000
	"	9000 - 9500
	<i>Symplocarpus</i>	" 10000
	<i>Ceanothus intermedia</i>	- 9500
	<i>Castanopsis</i>	- 10800
	<i>Lupinus</i>	big pink " 9500
	"	big blue 8500
	"	yellow leaf, light blue - 10000
	<i>Pteris</i>	8000 - 9700
	common fern	
	<i>Cypripedium?</i>	big - 9700
	<i>Thalictrum</i>	" - 9500
	<i>Hebevaria</i>	8000 - 9000

C	Castilleja	rd. vires	-9800
Ere	Geranium		-9000
Ar	Geum 'tostiflora'		-8500
Er	Potentilla	white	-9000
	Artemisia		-8500
Rho	Phaselia		-9200
"	Lithium parryi		-9000
Rho	Veratrum		-9000
Pt	Mimulus luteus?	big shiny	-9500
Ra	"	little shiny	-9500
	Prunus		-9300
Er	Alopochen "brevirostris" - not		-9100
Pt	Zent, Aug. 4	9000	
	Peak 10800	San Jacinto	
	Castilleja s.w.		10800
the	Ribes nivadensis		"
R	Pinus peuce	dwarf	"
P	Huichela		"
C	Carex		"
F	Sprengelia umbellata		9000
K	Clatonia		"
H	Holodiscus		"
Z	Silene	yellow	8500-107000
R	Ribes prostratum"		8600
R	Pinus Jeffreyi		-9200
I	Aceras canadense		-9200

Brake to Idyllwild Aug. 5,

Aug. 7	rep. Zanqueby Peak	
	Cercocarpus ledophyllus	1 of 8826
	Chionophila picta	1 of 8500

Aug. 11	3 Heneet Reservoirs	
	Artemisia tridentata	4300 - 4500
	Abies	" 4000
	Malvastrum	"
	Argemone	a few - 4300
	Eryngium pectinatum	- 4500
	Gutierrezia euthamiae	- 4400
	Wyethia	8300-4500
	Solidago	3000-6000
	Ericagrum	" - 6500

Aug. 13	Idyllwild to Heart.	
	Gaiphytum	4500 - 6000
	Monardilla	" - "
	Achillea	" - "
	Euphorbia	" - "
	Astragalus	" - "
	Himalaya glutinosa	- 6000
	Ribes speciosum	3000-4400
	" malvacum viridifolium	3000-4000
	Batua	- 2500
	Cascara	- 2000
	Lupinus	pink
	" pallid?	" "

Aug. 3 San Jacinto Mts.

Dendroica auduboni, con 8000-9500  
 Junco - 10700  
 Melospiza <sup>feeding young at</sup> con, nest at 9000.  
 Jacksnipe obs at 8500-10500  
 Spinella arizonae - 8000  
 Oreortyx 2, 4, 5 ygs 8000-9000  
 Oreospiza 8000-9500  
 Aer. ornatus con at 9500  
 Dryobates pileatus 2 at 9000  
 Picoides 1 at "  
 Zenaidura 3 at "  
 Sialia - 9200  
 Empidonax difficilis yg 8500-9000.  
 Spinus pinus head 9000  
 Phainopepla gambeli above 8500  
 Sitta pygmaea 8500  
 " aenigma "  
 Mniotilla 1 at 9000  
 Melospiza lincolni <sup>feeding young at</sup> 9000  
 Troglodytes con - 9700m  
 Eulophorus platycercus?  
 " rufus?  
 Phrygilus yg. at 10700-10800  
 Corvus brachyrhynchos 1 at 10800  
 Salpinctes 1 at 10500  
 Accipiter velox 1 " "  
 Goshawk 2 - 9500  
 Dendroica auduboni & yg at 9000 & 9500  
 Kingbird gg 9500  
 Pipilo maculatus 1 m. 9300.  
 Spizella breweri 18 9000

Odoselius 5300-9500  
 Scirurus f. boyantii 5000-9000  
 Citellus beecheyi - 9500  
 Citellus merriami 15300  
 " stephensi 8000-10700  
 Peromyscus gambeli 15300-9000  
 " texensis 5300-  
 Neotoma "  
 Miosotus calif. "  
 "  
 Thomomys "  
 Lynx "  
 Procyon "  
 Felis trades at 7500  
 Procyon trades 9000  
 Mephitis "  
 Sorex 1000  
 Scapanus 8000  
 Uropartulus 5300-9000  
 Myotis "  
 Ectomys on p. manicatae "  
 gravings at 9500.  
 Zapus at Forest Res. holes 4400  
 Perodipus, Lepus cat.  
 Zampocelus, omnivorous 1 of 5400  
 Crotalus molossus 5000-8000  
 Pithecius 1, 4500  
 Entomia 1, 5400  
 Phrynosoma 1, 5300  
 Sceloporus big - 5300  
 " bistrigatus.  
 Uta stansburiana  
 Crotolophorus angelicus 74500

C	Colaptes	-	8700
Dre	Holmorthophilus c. lotaeus	-	8700
Ar	Entomophorus richardsoni	-	8500
Ex	Cyanocitta	-	8000
Rhu	Macropygia formacippe	acrobats	- 6500
"	Geococcyx	1 + trills at 5000.	-

O	Otocoris	near	4500
	Corvus	2 at	4
	Spizella	"	4
	Sialia	abn.	4300-5300
	Colaptes collaris	com.	4300
	Sitta pygmaea	com.	"
		7	

Rho	Aug. 11 to Ken Camp & Hunt Res.		
Pi	Pipilo fuscus scribula	3	- 5000
Ra	Myiochanes	3	- 5000
Er	Aphelocoma	com	- "
Po	Zenaidura vocifera	com	4300-4500
Pa	Chondesta	com.	- "
Gu	Trochocercus sparrowinus	7	4300-4500
He	Zoothera passerina	1	"
R	Catherpes	1	-
P	Habia uclavacephala	2	-
C	Piranga ludoviciana	1	"
F	Poliophlytes	near	-
R	Progne	4	2 "
P	Cyanospiza	com	4300
G	Buteo calurus	1	"
A	Sitta pygmaea	abn.	"
Y	Sturnus vulgaris	1	"
Z	Tachycineta	abn.	"
R	Amphispiza nevadensis	com	"
R	Sturnella	abn.	"
T	Euphagus	3	"
C	Cloudesia	2+6, 4300-4500	
F	Zophotis vallidea	3	"
C	Querula	2	4500

Aug. 14, Henet & Sam Jacobs

C	<i>Erythroxylum coca</i>	abn
Ere	<i>Croton californicus</i>	-
Art	<i>Deinandra virginata</i> (mobs)	"
Er	<i>Ptiloria virginata</i> (chocra)	"
	.. <i>pleurocarpa</i> ..	"
Rho	<i>Grenadilla</i>	com
"	<i>Hibiscus anuus</i>	"
Rho	<i>Gutierrezia divaricata</i>	"
Pli	<i>Xanthium</i>	weed
Ra.	<i>Teasel thistles</i>	"
	<i>Abronia</i>	abn
Eri	<i>Datura</i>	"
Po	<i>Cucurbita foetidissima</i>	"
D	"	"
Qu	<i>Horseradish</i>	weed
He	<i>Amomum</i>	"
R	<i>Oenothera</i>	"
P	<i>Senecio</i> (?)	"
G	"	"
F	<i>Nicotiana glauca</i>	annual
K	"	"
Y	<i>Artemesia californica</i>	abundant
Z	<i>Panax polystachyus</i>	"
R	" <i>stachyoides</i>	"
R	<i>Hosackia glabra</i>	"
C	<i>Opuntia arborescens</i>	"
C	" <i>occidentalis</i>	"
C	" <i>truncata</i> ? big, sparses	"
T	<i>Gutierrezia euthamiae</i> ? on foothills	abn
	<i>Seneca douglasii</i>	" a few

<i>Baccharis vivipara</i>	com
" <i>hafless</i>	1211 in place
" <i>filiformis</i>	1212 ..
" <i>"pilularis"</i> ?	..
<i>Argemone platyceras</i>	a few
<i>Helianthoides</i>	1215 foothills, com
"	" ..
<i>Chilopsis linearis</i>	long woody, abn
<i>Prosopis juliflora</i>	3 patches
" <i>pubescens</i>	2 trees
<i>Malvostrum fasciculatum</i>	a few
<i>Nicotiana laevedata</i>	abn
<i>Heliotropium curassavicum</i>	"
<i>Salix nigra vallicola</i>	in place abn
"	" ..
<i>Populus fremontii</i>	abn.
<i>Sambucus glauca</i>	com,
<i>Pithecellobium</i>	"
<i>Platium</i>	"
<i>Suaeda suffruticosa</i> + smaller, abn.	"
<i>Salicornia</i>	"
" <i>Stachia</i> "	1216 ..
<i>Chenopodium canescens</i>	" ..
"	annual ..
<i>Juncus laeustris</i>	" ..
" <i>balticus</i> ?	" ..
<i>Distachys maritima</i>	" ..
<i>Tetradymia canescens</i>	com

Aug. 14, Thermal & San Jacinto.

C	<i>Citellus beecheyi</i>	com
Ar	<i>Motona intermedia</i> in cactus, "	"
Er	<i>Pezognathus</i>	1, abn.
Rhe	<i>Mus musculus</i> - 1 on barbwire	com
	<i>Perodipus</i>	tracks, com
	<i>Dipodomys</i>	" " com
Rho	<i>Thomomys pallidus</i>	" "
Pt	<i>Lepus auduboni</i>	1 com "
Ra	" <i>californicus</i>	1 "
	<i>Canis</i>	tracks -
Er	<i>Vulpes macrotis</i>	" "
P	<del>Urocyon</del>	
D	<i>Mephitis</i>	tracks "

Riverside Aug. 14

<i>Thomomys</i>
<i>Perodipus</i>
<i>Dipodomys</i>
<i>Lepus auduboni</i>
<i>Canis</i>

Aug. 16, Riverside

<i>Eucarpus setigerus</i>	abn
<i>Croton californicus</i>	"
<i>Baccharis viridis</i>	"
<i>Tetradymia squarrosopilosa</i>	com.
<i>Pallidarynops</i> , big leaf	"
	pulchellus?
<i>Ptilonex vigata</i>	abn.
" <i>pluvialis</i>	"
" <i>minoides</i>	1213 off.
	1214.
<i>Hebantus annus</i>	"
<i>Deerandra virgata</i>	"
<i>Hordeum</i>	weed
<i>Anisocoma</i>	" com
<i>Antennaria suffrutescens</i> ?	"
<i>Dactura</i>	"
<i>Ceratita</i>	"
<i>Cuscuta</i>	"
<i>Metastoma glaucum</i>	afw
<i>Opuntia brevirostris</i>	on foothills com
" <i>ocotilloides</i>	" "
	fig, in yucca
<i>Salix n. vallidea</i>	com
" <i>mossataefolia</i>	"
<i>Populus fremontii</i>	"
<i>A. latifolia</i>	"
<i>Sambucus glauca</i>	"
<i>Scirpus americanus</i>	"
<i>Eriogonum fasciculatum</i>	"

*Hasackia glabra* on hillsides com  
*Eriogonum* ~~californicum~~ " "  
*Artemisia* ~~frigida~~ " "  
*Artemisia* ~~frigida~~ " "  
*Rawsonia polystachia* " "  
" *stachyoides* " "  
" *Arbicularia* " "  
*Rhus laurina* 1215 on hills a few  
" *trilobata* " " " "  
*Adonis amurensis* on hilltops " "

Aug. 17, Redlands 1200ft

C.	<i>Eximocarpus stigerosa</i>	3000
Ere.	<i>Croton californicus</i>	1200-2000
Ar.	<i>Baeckea viminea</i>	in cañon 3500
Er.	"	-2500
Rhe.	<i>Semeiodia</i>	1213.
Rhe.	"	1214.
"	<i>Bernardia virginata</i>	"
Rho.	<i>Ptiloria virginata</i>	"
Pt.	" <i>pleurocarpa</i>	"
Re.	<i>Helianthus annuus</i>	-2500
"	<i>Gutierrezia diversa</i>	-2000
Er.	<i>Opuntia berlandieri</i>	-2500
Po.	" <i>occidentalis</i>	"
R.	"	small pods
Qu.	<i>Salix nigra</i>	-2000
He.	" <i>macrostachya</i>	-2500
R.	"	"
P.	<i>Populus tremuloides</i>	-3000
Pl.	<i>Platanus</i>	-3500
F.	<i>Eucalyptus glutinosa</i>	1800-5500
F.	<i>Hosackia glabra</i>	-3500
M.	<i>Astragalus californicus</i>	2500
R.	<i>Ranunculus polystachya</i>	3500
R.	" <i>lachnoides</i>	2500
R.	" <i>parva</i>	3500-6500
R.	<i>Eriogonum fasciculatum</i>	3500
R.	<i>Lupinus foliosus</i>	-2500
R.	<i>Saxifrage glauca</i>	6200
C.	<i>Nicotiana glauca</i>	1200-2000
M.	<i>Malva adamsii gracilis</i>	"
C.	<i>Clinanthus</i>	2000-3500
P.	<i>Pentstemon antirrhinoides</i>	5000-3500
Hosackia glabra		

<i>Trichostema lanatum</i>	3500-6500
<i>Juniperus monosperma</i>	1800-2000
<i>Juniperus occidentalis</i>	" -6500
<i>Adenostoma fasciculatum</i>	" -6000
<i>Yucca whipplei</i>	2000-5500
<i>Rhus trilobata</i>	" -4000
" <i>divaricata</i>	" 4300
" <i>ovata</i>	" 4000
<i>Crataegus crassifolia</i>	4000
" " <del>Crataegus</del> <i>thyrifolia</i>	6500
<i>Cereocarpus betulifolia</i>	5000
<i>Quercus dumosa</i>	" "
" " <i>viscosa</i>	" 6800
<i>Prunus ilicifolia</i>	" 4000
" " <i>californica</i>	" 6000
<i>Prunus ilicifolia</i>	" 3500
<i>Salix M. trilobata</i>	" -5500
"	" 2500
<i>Populus trichocarpa</i>	"
<i>Alnus rhombifolia</i>	1800-5500
<i>Pseudolenga macrocarpa</i>	SW. 4500-6500 NE. 2700-3700
<i>Quercus chrysotipha</i>	3500-7500
"	"
<i>Garrea V. palmeri</i>	" 5600
<i>Arctostaphylos townsendii</i>	" 6500
" <i>glaucia</i> ?	2000-6000
<i>Fimbristylis subspicata</i>	2000-5500
" <i>Calochortus nuttallii rigidum</i>	3000-5000
<i>Castilleja pallida</i> ?	4500-6000
<i>Adrostaphylos menziesii</i>	4500-6000
<i>Pinus ponderosa</i> a few	"
<i>Artemisia tridentata</i>	E. 6700-7500 " 4700-6200
<i>Fragaria</i>	" 5-7500

C.	E. <i>Castilleja</i>	<i>lanceolata</i>	
Ere	C <i>Prunus</i>	<i>andersonae</i>	
Wi	B <i>Amelanchier</i>		
Er	H <i>Barrens</i>	<i>stonei</i>	
1/2a	P <i>Pinus</i>	<i>gallertii</i>	
Rh	"	<i>campestris</i>	
"	B	<u>Clark's</u>	
Rh	Pl	<i>Abies</i>	
Pl		<i>lutea</i>	
Rh	H	<i>Ceanothus</i>	
1/2a	J	<u>Transition on SW</u>	
Er	O	<i>Abies</i>	
Pa		<i>Pinus Jaffrei</i>	
		<i>Ceanothus integrifolius</i>	
1/2a	Sc	<i>Pentstemon</i>	<i>lambertianus</i>
H		<i>Gilia</i>	<i>Asprea</i>
R		<i>Castilleja</i>	red
Pa		<i>Acetosella</i>	<i>petula</i> , green
Pl		<i>Castilleja</i>	
F	Er	<i>Ribes</i>	big sky blue
H		<u>Top of ridge</u>	
A		<u>Bluff Lake</u>	
R		<i>Veratrum californicum</i>	
		<i>Dodecatheon alpinum</i>	

2500-4000  
4500-5000  
" - 7300  
" - 6000  
5000 - 6200  
" -  
" -  
3500-4300  
4500  
6500-  
" - 9500  
6200-  
" - 9000  
" - 6000  
" - 7000  
" -  
7000-9000  
" - 10500  
4500-  
7700  
7500  
" - 8500

<u>Bluff Lake</u>	
<i>Pinus ponderosa</i>	
" <i>jeffreyi</i>	
" <i>lambertiana</i>	
" <i>murrayana</i>	
<i>Abies</i> <i>decurrens</i>	
<i>Abies concolor</i>	
<i>Acetosella</i> <i>petula</i>	
<i>Ceanothus diversifolius</i> ?	- 8500
<i>Castilleja</i>	
<i>Salix</i>	in meadow
<i>Veratrum</i>	"
<i>Dodecatheon alpinum</i>	"
<i>Ericameria</i>	"
<i>Symplocarpus parviflorus</i>	
<i>Pentstemon</i> <i>lambornii</i>	
<i>Ribes nevadensis</i>	
<i>Prunus emarginata</i>	- 8500
<i>Solidago</i>	- -
<i>Heliumum bigelowii</i>	in meadow, 7500
<i>Amelanchier californica</i>	

Ridland, Aug. 17

Mimus	2	
Carpodacus frontalis	+	
Pipilo senicula	"	
Zenaidura	a few	
Oreortyx	con	
Pediastila	,	
Chrysonitrus	a few	
Catherpes	4	2000
Salpincte	3	"

Aphelocoma	con	2000-6200
Cicindelas	1	2700-
Chamaea	con.	2000-6200
Oreortyx		5000-
Sitta pygmaea		7000-9000
Turco		"
Spizella breweri		"
Arenaria		4000-6000

Aug. 18 Bluff Lake

Turco thurberi	abn	
Spizella breweri	abn	
Carpodacus cassinii	con	-8200
Empidonax	a few	7500-8000
Selasphorus rufus	1	
Cotopaxis richardsoni	con	
Picus gambeli	0	
Dendroica auduboni	49. abn	10000
" townsendi		
Piranga ludoviciana	con	
Sialia	abn	
Trochocetes		

Nucifraga	3 birds at 8000
Oreospiza	con
Hylocichla?	

Merula migratoria pro - 4

Bubo - heard + feathers found

Aug. 19 Bluff Lake

Passerella	
Cyanocitta	9100
Spinus pinus	
Helminthophila c. leucomelas	7500-8000
Wilsonia pileolata	
Calypte anna	
Pipilo maculatrix	1
Empidonax thysoides	1
Thraupis	con. 4900, 7500-8000
Colaptes	

Jaegeria thalassina

Aug. 20 to Dry Lake

Cyanocitta stelleri	6 at 7300
Ophioecetes	-6500
Chamaea	"
Buteo b. calurus	20000

Aug. 21

Nucifraga	9000-10000 a few
Turco	abn - 11400
Aquila chrysaetos	3 at 11500
Chordiles virginianus	con 9000

Aug. 22

Cinclus	2 at 9000
Thalassarchus	1 at 8000
Cyanocitta	-9100
Hylocichla	1 at 8000
Vireo swainsoni	0 mainly others



Ridland, Aug. 17

Er	Mimus	2	
A	<i>Carpodacus</i> <i>franckii</i>	+	
E	<i>Pipilo seniaca</i>	"	
R	<i>Zenaidura</i>	a few	
R	<i>Trochocercus</i>	com	
F	<i>Polioptila</i>	,	
R	<i>Chrysothrix</i>	a few	
F	<i>Catherpes</i>	4	2000
R	<i>Salpinctes</i>	3	"
E	<i>Aphelocoma</i>	com	2000-6200
P	<i>Cicadas</i>	1	2700-
E	<i>Chamaea</i>	com.	2000-6200
S	<i>Oreortyx</i>		5200-
H	<i>Sitta pygmaea</i>		7000-9000
F	Turco		"
I	<i>Spizella breweri</i>		"
G	<i>Arenaria</i>		4000-6000
<u>Aug. 18 Bluff Lake</u>			
T	<i>Turco thurberi</i>	abn	
Z	<i>Spizella breweri</i>	abn	
X	<i>Carpodacus cassinii</i>	com	-8200
	<i>Empidonax</i>		7500-8000
	<i>Selasphorus rufus</i>		a few spce.
	<i>Cotopaxi richardsoni</i>	com	
	<i>Parus gambeli</i>	"	
	<i>Dendroica auduboni</i>	+	49. abn 10000
		townsendi	
	<i>Pianga ludoviciana</i>	+	com
	<i>Scalia</i>		abn
	<i>Zenaidura</i>		

<i>Nucifraga</i>	3 heard at 8000
<i>Oreosspiza</i>	com
<i>Hylocichla</i> ?	
<i>Merula migratoria</i> ♀♂ - 4	
Bubo - heard + feathers found	
<u>Aug. 19 Bluff Lake</u>	
<i>Passerella</i>	
<i>Cyanocitta</i>	9/00
<i>Spinus pinus</i>	
<i>Himationophila c. laticeps</i>	750 - 8000
<i>Wilsonia pusiolata</i>	
<i>Calypte anna</i>	
<i>Pipilo megalornis</i> 1	
<i>Sphyrapicus thyroides</i> 1	
<i>Accipiter cooperii</i>	com. 4900 ft, 7500 - 8000
<i>Colaptes</i>	
<i>Accipiter thalassius</i>	
<u>Aug. 20 to Dry Lake</u>	
<i>Craniocichla</i>	6 at 7300
<i>Ophiocoma</i>	- 6500
<i>Parus</i>	" "
<i>Buteo b. calurus</i>	20000
<u>Aug. 21</u>	
<i>Nucifraga</i>	9000-10000 a few
<i>Turds</i>	abu - 114000
<i>Aquila chrysaetos</i>	3 at 11500
<i>Chordiles virginianus</i> com	9000
<u>Aug. 22</u>	
<i>Cinclus</i>	2 at 9000
<i>Thalassius</i> 1 at 8000	- 9/00
<i>Myiotheretes</i>	
<i>Phoenicola</i>	1 at 8000
<i>Vireo swainsoni</i>	a pretty otion

Aug. 20

Quercus californica 7300

Cirsocarpus hindsii "

Coronilla occidentalis "

Artemisia a. venulosa

Populus angustifolia "

Rosa

Bear Valley

Summit

Upper Sonoran

Bottom of slope

Santa Ana R.

Artemesia tridentata

Big-leafed Ceanothus "

Opuntia occidentalis at 5500-5600

Acacia californica 5400-6000

Libocedrus

Arctostaphylos patula

Holodiscus

Head of S. Fork 8000

Pinus murrayana

8000-11500

Ribes cereum

8000-9500

"

Pinus flexilis

9000 - 11480 SW  
9000 - 10000 NE

Dry Lake 9000

Hudsonia

10000 NE - 11480 SW

Bryanthus breweri

10000 NE - 11000

Ranunculus

1 - 11480

Hebe cornuta

1 - "

Heuchera

" - "

Coronilla

10000-11000

Eibaldia procumbens

11000-11480

Helenium ?

" - "

Aster ?

yellow

" - "

Grass Festuca niuana?

10000 - "

" Setaria rigidum

" - "

Antennaria alpina

11000 - "

Eriogonum caespitosum

" - "

Phlox diffusa ?

11200 - "

Ranunculus

10000 - "

Ribes

11000 - "

Oxytropis

" - "

Senecio mitchellii

" - "

Dry Lake

Artemesia

low

Celastrus

Eriogonum

Zizpium

"

Cynopterus

Catalina

Eriogonum

Aug. 27 down

Juniperus occidentalis 1 at 8700 N.E.

Chrysothamnus

8500

Head of S. Fork 8500

Sambucus

-8500

Aug. 25 Bear Lake

Or	<i>Colchicum</i>	com
A	<i>Tulipa</i>	2000
E.	<i>Eupterix</i>	3
St	<i>Stellaria</i>	com
Re	<i>Otocarpus</i>	200
Ph	<i>Tulipa spiceri</i>	13 cm
Ar	<i>Sisyrinchium</i>	obv
E.	<i>Sisyrinchium</i>	4
P.	<i>Amphispiza nevadensis</i>	com
A.	<i>Colaptes cafer</i>	"
E.	<i>Godwells</i>	100
P.	<i>Oxyechus vocifer</i>	10
D.	<i>Tringa</i> small	6
S.	<i>Tringa macularia</i>	6, com
H.	<i>Sayornis saya</i>	1
F.	<u>Doble</u>	
I.	<i>Oreortyx</i>	12 in next pines
C.	<i>Asphodeline</i>	20
P.	<i>Chamaesyce</i>	a
I.	<i>Nyctachys cinnamomea</i>	12 cm
<u>Baldwin Lake</u>		
L.	<i>Colchicum auratus</i> + yg	com
V.	<i>Podoligibus</i>	1
	<i>Tulipa</i> + yg	1
	<i>Erythronium</i> white	20
	<i>Pitotrichum</i> linearifrons	a few

Bear Lake

*Artemisia tridentata* com

- " *ovata* "
- *Antennaria ciliolata* ? com
- *Bigelovia tortifolia* "
- *Lupinus (caeruleus)* "
- " silvery "
- *Juniperus occidentalis* "
- *Pinus monophylla* "
- *Juniperus californica* "
- *Cercocarpus ledifolius* "
- *Amelanchier a. ovalifolia* "
- *Bigelovia graveolens* "
- Sisyrinchium* saya "
- *Budagia gloriosa* "
- Aster* "

Doble & summit

- *Ephedra antisyphilitica* -7000
- *Ceanothus cuneatus* "
- *Andromeda meana* "
- *Styrax* "
- *Agave biocellata* "
- *Cerens* "
- *Opuntia* "
- *Cerens engelmanni* ? "
- *Tetradymia canescens* "

San Bernardino Mts.

*Odocoileus hemionus* some  
*Sciuropsis* " " " "  
*Sciurus n. anthonyi* spotted  
*Citellus beechejii* "  
*Callospermophilus pernix* "  
*Eutamias amoenus* a few  
" *californicus* species com

*Peromyscus sonoriensis*

*Neotoma*

*Microtus californicus*

" *m. beechejii*

*Thomomys talpoides*

*Perodipus* nodes

*Erythizon*

*Lepus arizonae*, al Doble

*Cavia latrans* a few

*Urocyon*

*Lynx*

*Felis*

*Mephitis*

*Zapus*

*Scapanus*

*Vesperomys fuscus*

*Myotis*

Redlands

*Eriogonum virginatum*,

*Antennaria nudicaulis*, *Teucrium thymifolium*

*Arvane barbata*

*Carthamus tournefortii*

Aug. 29 Redlands, Santa Ana Mts

*Juniperus californica*

*Rhus ovata*

*Rhamnus tomentella*

*Eriodictyon glaucescens*

*Purshia*

*Yucca whipplei*

*Kunzea intermedia*

*Aplopappus palmari*

*Persea microcarpala*

*Eriogonum fasciculatum*

*Homalanthus globosus*

*Ranunculus polyrhizus*

*Senecio douglasii*

*Tetradymia squarrosa*

*Opuntia bergeriana*

" *occidentalis*

*Lupinus foliaceus* ?

*Baccharis viminea*

*Corethrodiscus virginicus*

*Ensleria fasciata*

*Baccharis viminea*

" *enormis* (toward San Bernardino)

*Tetradymia squarrosa*

" *canescens*

*Helianthus annuus*

" *gracilis*

*Fragaria*

*Fimbristylis californica*

*Euphorbia althaeoides*

*Chilopsis*

*Atriplex canescens*

Sept. 3 San Bernardino to Glen Ranch: Cercocarpus betulifolius 1500-5500

E.	<i>Encelia farinosa</i>	-	<i>Rhus trilobata</i>	1500-5500
A.	" <i>californica</i>	"	" <i>divaricata</i>	" - "
E.	<i>Spiraea douglasii</i>	"	<i>Eriogonum glabrius</i>	" 6000
R.	<i>Gutierrezia divaricata</i>	"	<i>Prunus ilicifolia</i>	" 5000
R.	<i>Helianthus annuus</i>	"	<i>Platimus</i>	-
R.	<i>Media?</i> (1247)	"	<i>Populus fremonti</i>	-
R.	<i>Baccharis viminea</i>	"	<i>Juglans rupestris California</i>	1500-
F.	<i>Litospantium squamatum</i>	- 5000	<i>Sambucus glauca</i>	~ 7000
F.	<i>Tetradymia glabrata</i> in wash.	- 2500	<i>Rhamnus crocea</i>	1500-2000
E.	<i>Zehadymia crenata?</i>	"		
E.	<i>Artemesia californica</i>	"		
E.	<i>Cornutogynne bernardina</i>	"		
E.	<i>Eremocarpus setigerus</i> abn	"	<u>2000 feet</u>	2000-3500
E.	<i>Croton californicus</i>	"	<i>Aretostaphylos glauca</i>	" 5500
E.	<i>Anisotoma</i>	"	<i>Rhamnus liliifolia</i>	" 6300
E.	<i>Opuntia occidentalis</i>	"	<i>Garrya poliflora</i>	5000-3000
E.	" <i>bernardina</i>	"	<i>Pseudotemna maculosa</i> (N.E. 2000- 6500)	" 2000-4000
E.	<i>Hosackia glabra</i>	"	<i>Quercus dumosa</i>	" 6000
E.	<i>Ramona polystachya</i>	- 350	" <i>viscidula</i>	" 6000
E.	" <i>stachyoides</i>	"	<i>Ceanothus diversifolius</i> (no 1258) ~ 6000	
E.	<i>Ericogonum parvifolium</i>	- 5000		
E.	<i>Anthraxia</i>			
E.	<i>Cucurbita</i>			
E.	<i>Cuscuta</i>			
E.	<i>Datura</i>			

3500 feet

E.	<i>Adenostoma fasciculatum</i> ssp. <i>racemosum</i>	5000-4000
E.	<i>Yucca whipplei</i>	" 6300
E.	<i>Ceanothus crassifolius</i> " <i>spicata</i> "	- 3500
E.	"	2000-4000

Glen Ranch 3260  
Mrs. Applewhite

E.	<i>Rhamnus californica</i> co	- 7000
E.	<i>Aretostaphylos montana</i> - few	- 5000
E.	<i>Alnus rhombifolia</i>	- 7000
E.	<i>Salix</i>	- 7000
E.	<i>Pinus ponderosa</i> 47000 a few	5500-
E.	<i>Abies concolor</i>	"
E.	<i>Ceanothus thyrsiflorus</i>	5000-
E.	<i>Pentstemon serrulatus</i>	" -

Sept. 3. up Lytle Cr.

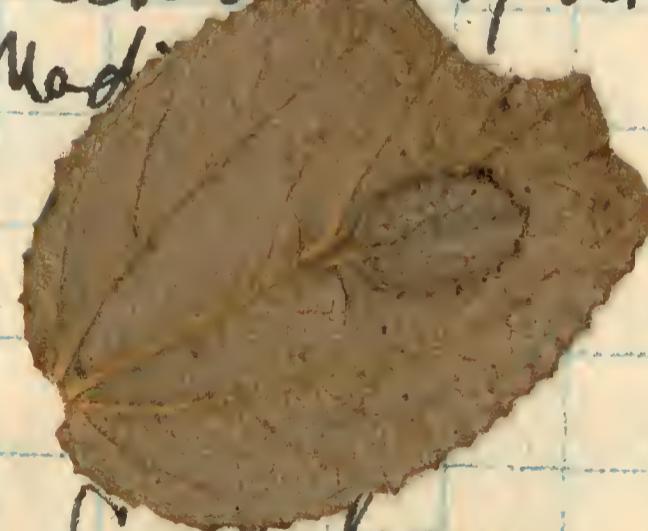
• <i>Eryngium</i> ?	3300-6500
• <i>Neurolethrus</i> <i>thureiflorus</i>	5000-7000
• <i>Artemesia tridentata</i>	" - 6500
• <i>Quercus chrysolepis</i>	" - 7000
• <i>Pentstemon</i> <i>tearosus</i>	" - 6000
• <i>Pinus ponderosa</i> (open at 4700)	5500-7000
• <i>Abies concolor</i>	" - 8500
• <i>Pinus</i> <i>engelmanni</i>	5600 -
• <i>Liquidam</i>	5700-7000
• <i>Ribes sanguineum</i>	" - 7000
• " <i>cerin</i> spiny	5500-7500
• <i>Ceanothus</i> <i>divergens</i>	5500-7500
• <i>Arctostaphylos</i> <sup>(1262)</sup> <i>manganata</i>	6000-6500
• <i>Pinus lambertiana</i>	6500-7000
• " <i>jeffreyi</i>	7000-9000
• <i>Arctostaphylos</i> <i>patula</i>	" - 9000
• <i>Castanopsis</i>	7000-9000

Summit 7700.

• <i>Pinus</i> <i>flexilis</i>	8000-10000
• " <i>murrayana</i>	S.W. 8500-10000 N.E. 8000-10000
• <i>Circoarpus</i> <i>lidophyllum</i>	8000-9000
• <i>Rubus</i> <i>blackops</i>	-7000
• <i>Platanus</i>	-7000
• <i>Solidago</i>	- "
• <i>Polygonum</i> <i>luteolum</i> "spicata"	- "
• <i>Pentstemon</i> <i>luteolus</i> "spicata"	- "
• <i>Chokeberry</i> sy	6000-7000
• <i>Quercus wislizeni</i>	-6000
• <i>Heteromeles</i>	2500-3000
• " <i>Penaphyllum</i>	2000-4000
• <i>Torreya</i> <i>subcordata</i>	" - 5000

Summit Sep. 4.

<i>Adenostoma fasciculata</i>	abn
<i>Arctostaphylos glauca</i>	"
<i>Quercus v. salicifolia</i>	"
<i>Ceanothus cuneatus</i>	"
" <i>osatifolius</i>	"
<i>Yucca whipplei</i>	"
<i>Yucca whipplei</i> abn 2 mi. N.	
<i>Quercus dumosa</i>	com
<i>Crossosoma betulacapitata</i>	"
<i>Artemesia tridentata</i>	"
<i>Erigeron fasciculatus</i>	"
<i>Prunus ilicifolia</i>	"
<i>Rhamnus ilicifolia</i>	"
<i>Rhus trilobata</i>	"
<i>Quercus wislizeni</i>	open
<i>Torreya</i> <i>subspicata</i>	com
<i>Eriogonum glutinosum</i>	"
<i>Baccharis</i> "hiltella" <sup>(1212)</sup>	
" <i>Medicinalis</i> <sup>(1262)</sup>	



Quercus 4 bushes  
Ephedra nevadensis 1 bush



Sept. 3. up Lytel Cr.

E.	• <i>Styrax</i> ?	3300-6500
A.	• <i>Leucothoe thrysiflora</i>	5000-7000
E.	• <i>Artemesia tridentata</i>	" - 6500
R.	• <i>Quercus elatia stepis</i>	" - 7000
R.	• <i>Pentstemon tenuis</i>	" - 6000
F.	• <i>Pinus ponderosa</i> (referat 4700)	5500-7000
F.	• <i>Abies concolor</i>	" - 8500
E.	• <i>Pinus engelmanni</i>	5600 -
E.	• <i>Libocedrus</i>	5700-7000
E.	• <i>Ribes sanguineum</i>	" - 7000
E.	• " <i>cerasifera</i> spiny	5500-7500
E.	• <i>Ceanothus divaricatus</i>	5500-7500
E.	• <i>Arctostaphylos manzanita</i> <sup>(1262)</sup>	6000-6500
E.	• <i>Pinus lambertiana</i>	6500-7300
E.	• " <i>jeffreyi</i>	7000-9000
E.	• <i>Arctostaphylos patula</i>	" - 9000
E.	• <i>Castanopsis</i>	7000-9000

Summit 7700.

E.	• <i>Pinus flexilis</i>	8000-10000
E.	• " <i>murrayana</i>	S.W. 8500-10000 N.E. 8000-10000
E.	• <i>Circocarpus ledifolius</i>	8000-9000
E.	• <i>Rubus</i> blackcaps	- 7000
E.	• <i>Platanus</i>	- 7000
E.	• <i>Solidago</i>	- "
E.	• <i>Pentstemon latifolius</i> "speciosa"	- "
E.	• <i>Chokecher 2y</i>	6000-7000
E.	• <i>Quercus wislizenii</i>	- 6000
E.	• <i>Hitteromia</i>	2500-3000
E.	• " <i>Penaphyllum</i>	2000-4000
E.	• <i>Louisea subapicata</i>	" - 5000

Summit Sept. 4.

Adenostoma fasciculata,	abn
Arctostaphylos glauca	"
Garrya v. polystachya	"
Ceanothus cuneatus	"
" <i>Crassifolius</i>	"
Yucca whipplei	"
Yucca whipplei abn 2 mi. N.	
Quercus dumosa	com
Cercocarpus betuloides	"
Artemesia tridentata	"
Erigeron fasciculatus	"
Pinus ilexifolia	"
Rhamnus ilicifolia	"
Rhus trilobata	"
Quercus wislizenii	abn
Lonicera subspicata	com
Eriogonum glomeratum	"
Baccharis "pilifolia" <sup>(1212)</sup>	
"Media" <sup>(1262)</sup>	

*Cordyline* 4 bushes  
*Ephedra nevadensis* 1 bush

Sept. 3 Glen Ranch

Buteo elegans	1		
Aphelocoma			
Pipilo smyrnula			
Corpodaeus fontalis			
Spinus			
Spizella breweri			
Chondestes grammacus			
Habia melanocephala		2	Common
Vireo cassinii?	heard		
Troglodytes	1		
Zenaidura	1		
Sialia occidentalis	com.		
Picus gambeli	com	6000-8000	
Sitta pygmaea		- 7000	
Aegithalos		- "	
Picumnus	heard	6500-8500	
Calospizus?		"	
Trochocercus	com	"	
Dendroica auduboni		6900-8500	
Castanopsis		-	
Geothlypis trichas		1 of 8500	
Regulus		1	"
Aquila chrysaetos		2 of 9000	
Falco sparverius		1 at 8000	
Zenaidura	com	3300-7000	
Sayornis nigricans	1	at 3300	
Zenaidura	1	-	
Zenaidura	1	"	
Pipilo megalurus	1	"	
Ornithodoros		com	3300-6000

Crotoxy

Dryobates scalaris

Calaptes

com.

3300-7000

" -

Summit

Phainopepla

Aphelocoma

Caloperdacus

Amphispiza

Spinidens

com

"

2

a few

San Geronimo Mts.

Odocoileus

afew

Sciurus antromy

"

Citellus nevadensis

com

Entomias merriami

3300-6000

" \* speciosus

7000-8500

Nestor

Thomomys

Lepus auduboni

" . baileyi?

Canis

Urocyon

Lynx

Felis

Scapanus

Vesperugo personatus

upt - 8000

9000

Banning Sept. 8 —

*Stauntonia anomala*  
*Aplopappus palmeri*  
*Penstemon longistylis*  
*Artemisia dracunculoides*  
" *californica*  
*Phlomis versata*  
" *pleuritica*  
*Eriogonum setigerum* com  
*Croton californicus* a  
*Gutierrezia divergens?*  
*Tetradymia canescens*  
*Ephedra* 3 leaved  
*Corethrodryas parvula*  
*Gilia trichotoides*  
*Eriogonum elongatum*  
" *virginicum*  
*Opuntia fernandinae*  
" *bassalensis* var.  
" *eng. occidentalis*  
*Acacia greggii*, abn.  
*Eriogonum fasciculatum*  
*Hosackia glabra*  
*Encelia farinosa*  
" *californica*  
*Ranunculus stellatus*  
" *polystachys*  
*Salvia*  
*Baccharis ovina*  
" *serpylloides*  
*Leptospartium squamatum*  
*Chilopsis*

*Cabragia*  
*Covillea* begins, abn.  
*Acacia greggii*  
*Dalea*  
" *Franseria dumosa*  
*Cochlospermum*  
*Opuntia parviflora*  
" *californicum?*  
*Mesquite* *intermedia*  
*Ramona sonorensis*  
*Chilopsis* abn.  
*Desmodium microphyllum* com  
" *glabratum* 3  
" *variegatum*  
*Eriogonum palmeri*  
" *subspicatum*  
*Carica longimana* different  
*Eriogonum* begins  
*Chamissoa*  
*Isonychia arborea*  
Banning on foothills, South  
*Aleurostachys fasciculatum* abn  
*Prunus ilicifolia* com  
" *Zizina* "  
*Erodium tomentosum* "  
*Rhus ovata* "  
In Valley, *Datura* "  
*Aplopappus palmeri* com  
(1213) "  
(1214) "  
24p.



Ephedra	2	obs
Baileya		1
Coleogyne	"	0
<i>Argemone</i> andersonii	"	4
"	big leaf	"
Gutierrezia	vg	1
Aplopappus?		0
Lithodrynia canescens	"	0
Eriogonum parviflora	dwarf	0
"		0
Cleome	leafless	0
Eriogonum fasciculatum	dwarf	0
"	inflated	0
"	nodosa	0
Dalia		1
"		4
Hosackia globosa	Con. in place	0
Croton	all green	0
Gilia	green	0
Hilaria rigidum		obs.

on ridges, N slope

1 *Juniperus californica*  
 2 *Quercus dumosa*  
 3 *Arctostaphylos glauca*  
 4 *Ardifloria*  
 5 *Ericogonium fasciculatum*  
 6 *Coleogyne ranunculoides?*

Beds

	Probable	Actual
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# Whittaker's

Acacia	17 or few
Bullock's	2 "
Barn Owl	2 "
Spoonbill	2 "
Night Heron	2 "
Orchard Heron	1 dead
Common Tern	1 "
Zerarornis	1 "
Spotted	con
Thrush	a few
Cowbird	3 or 4
Starling	con
House Sparrow	"
Wile Sparrow	a few
Heliobates	1
Dryobates s. bairdi	2
Sayornis nigricans	a few
Zosterops sordidus	1 (total), con
<u>Mammals</u>	
Bear	dead
Antilocapra	1
Foothorty	con
Nicotocryx	con
Querquedula	2
Dryobates s. bairdi	1
Heleodrytes	6
Zenaidura	con.
Cynips sp. b. nevadensis	a few
Heleodrytes	con.
Hirundo	a few at Warren

# Plant Catalogue 1907

Santa Ana mts. Coldwater canyon

1188. *Ribes amarum* (C) fuzzy

1189. *Arctostaphylos*

1190. *Calochortus*

Zemus July 25

1191. *Opuntia bernardina*

1192. *Juniperus monosperma*

1193. *Rhamnus crocea*

1194. *Rhamnus ilicifolia*

Tidywile July 30

1195. *Adonis amplexicaulis*

1196. *Arctostaphylos manzanita* 5000-5500

1197. " *p. drupacea*? 5000-6500

1198. " *glabra* 4000

1199. " *tomentosa* 2500-5000

1200. " *patula*? 3000-7700-9300

Aug 5

San Jacinto Mts.

1201. *Ribes nevadensis* (C)

1202.

1202. " *cereum* (C)

1203. " *monticolum* (C)

1204. *Heuchera*

1205. *Ceanothus cordulatus* - 9300

1206. *Cercocarpus "pubescens"*

1207. " *leptophyllum* ?

1208. *Ribes nevadensis* (C)

1209. *Ceanothus integerrimus*

1210. *Ceanothus cuneatus*, Aug. 13,  
2000-5000 feet

San Jacinto Aug. 14.  
1211. *Zygophyllum squaratum*

1212. *Dactylis linearifolia*  
*Eriogonum pinnifolia*

1213. *Hethrotheca floribunda*

1214. *Chrysopsis setifolia*

8000-8400

8200-10200

9000-9500

10800

5000

8824

4300-6100

Lily Bank, Aug. 8

2000-5000 feet

1215. " *Episilpha*" *Acanthodes* shrubby aphyll

1216. Dactylis velutina at San Jacinto

1217. Spring blue flowered weevil

1218. *Abronia*

1219. *Oenothera* pink

San Bernardino Mts. Aug. 21-26

1220. *Ribes cereum* (C) 9000 ft

1221. *Ribes cereum nevadensis* (C) 6000

1222. *Ribes rozli* (= *conictum*) (C) very open 6000

1223. *Ribes montigenum* (C) *taeniatum* (= *luteum*) 11480

Top of Grayback 11480 feet

1224. *Heuchera elegans*

5 *Erriogonum kennedyi*

6. *Dicranoloma* *Oxytropis oreophila*

7. *Draba corrugata*

8. *Sibolzia* *plentillae* *spiculiferi*

9. *Phlox* *Gilia* *pungens* - a form of.

1230. *Satipegalinocrosae* *epitheciosus* subsp.

1. *Antennaria* *alpina* *media*

2. *Erigeron* *compositus* *discoidalis* 22

3. *Erigeron* *concinus* *aphanactis*

4. *Achillea* *media*

Top of Grayback

1235. *Hedysarum vestitum pygmaeum*

6. *Ranunculus eschscholtzii*

7. Grass *Festuca minor*

8. *Setaria rigidum*

<sup>9. *Amelanchier*</sup> *Setaria rigidum*

<sup>10. *Amelanchier*</sup> *Setaria rigidum*

<sup>11. *Amelanchier*</sup> *Setaria rigidum*

1239. *Bryanthus breweri* 10000-11000

Bear Valley

1240. *Amelanchier* 7000

1241. *Cercocarpus ledifolius* "

1242. *Populus angustifolia* "

1243. *Artemesia tridentata* "

4. " *rothrockiorum* "

Bear Valley, east end - 7000

1245. *Gutierrezia cathartica lucida*

6. *Andropogon compacta*

7. *Ceanothus cuneatus*

8. *Cowania mucronata*

9. *Ephedra viridis*

Bear Lake

1250. *Chrysanthemum tortifolium*

1. *Gutierrezia*

5. Slope of Mt.

1252. *Bigelowia* "coosa" 6000 ft

Bear Valley, east end

1253. *Juniperus occidentalis* 7000 ft

San Bernardino Mts. 5000 ft

1254. *Arctostaphylos tomentosa* 6000

1255. *Arctostaphylos glauca* ? 4000

1256. *Ceanothus thrysiflorus* 6000

1257. *Ceanothus cordulatus* ? 5000

1258. *Ceanothus cordulatus* Hornig 5000

1259. *Ceanothus crassifolius* 4000

1260. *Ranunculus* (various) 4000-6000

Mentone Aug. 29,

1261. *Cosethroegyne v. bernardina* top type

1262. ~~Matteuccia~~ *Larsenia glandulosa*

San Gabriel Mts. E. base San Antonio Peak

1263. *Arctostaphylos* 6000 ft

1264. *Arctostaphylos potosina* 7000

1265. *Ceanothus diffusus* 7000

1266. *Ceanothus thyrsiflorus* 6000

Cajon Pass

1267. *Ceanothus crassifolius* 3000

Cajon Pass1268. *Ceanothus* ~~grayi~~ <sup>grayi</sup> Pitt1269. *Rhamnus crocea*1270. *Rhamnus ilicifolia*

San Bernardino

1271. *Juglans californica*Redlands1272. *Tetradymia canescens*1273. *Rhamnus crocea*1274. *Rhamnus torreyi* var. <sup>torreyi</sup>Mohave Desert, Warren Well1275. *Sinuaria* ~~East~~ <sup>garryae</sup>1276. *Arctostaphylos glauca*1277. *Prunus andersonii* ?1278. *Opuntia bigelovii*

S. of Moro Mission Creek

1279. *Opuntia tesculata* <sup>re</sup> *ramosissima*1280. *Opuntia basilaris* <sup>re</sup> *ramosissima*1281. *Opuntia echinoidea*Morongo Valley1280 <sup>fox</sup>1282. *Baccharis serithrodes*Whitewater1283. *Cereus engelmanni*San Jacinto Valley, Sept. 191284. *Opuntia bernardina*Beaumont (4 mi. S.)1285. *Arctostaphylos glauca*1286. *Ceanothus cuneatus*Mt. Yorke, Sept. 251287. *Arctostaphylos tomentosa*1288. *Garrya v. palmeri*1289. *Ceanothus thyrsiflorus*1290. *Eriodictyon californicum*San Gabriel Canyon 2000 ft1291. *Garrya undulata*?San Pedro1292. *Isomeria globosa*1293. *Rhus integrifolia*1294. *Opuntia prolifera*1295. " <sup>occedentalis</sup> <sub>littralis</sub>



Santa Pasqual Canyon, Oct. 20.

1341. *Ceanothus tomentosus?*  
2. *Cordalea*  
3. *Ceanothus crassifolius*  
4. *Cereocarpus glabrosta*

Powery Station, Oct. 21.

1345. *Ceanothus spinatus*

1346. *Rhus integrifolia*

Rosedale, near San Diego Oct. 21.

1347. *Ceanothus 'obovatus'*

Banning

<i>Ipomoea</i> <i>volubilis</i>	abn
<i>Zizaniopsis</i>	com
<i>Carous</i> <i>sinuatus</i>	a few
<i>Euphagus</i>	com
<i>Sturnella</i>	"
<i>Otocoris</i>	"
<i>Myioarchus</i> <i>cyanopterus</i>	1
<i>Amphispiza</i> <i>boliviensis</i> or <i>mo-</i>	a
" " <i>" bilineata</i> yg + dd.	"
<i>Spizella</i>	
<i>Accipiter</i>	2
<i>Chondestes</i>	a few
<i>Pipilo</i> <i>sinicula</i>	com
<i>Trochostoma</i>	
<i>Hileodryas</i> abn, 5 nests in one cavity	
<i>Zenaidura</i>	a few
<i>Corpodacus</i> <i>cassini</i>	
<i>Geococcyx</i>	
<i>Agelaius</i> <i>tricolor</i>	1
<i>Chrysomitis</i> <i>hesperophila</i>	com
<i>Mimus</i> <i>p. leucomelas</i>	1

Felton, Oct. 29.

1400. *Opuntia* not *moniliformis*  
1401. " not *ocotillata*  
1402. *Ribes hesperium?* (confl)

Banning

Apricots	dm. \$60 per ton
Prunes	"
Grapes	" + winey
Peaches	"
Pears	com,
Ligs	a few
Olives	" good
Orange trees	a few, have been
Almonds	good for market
Walnuts	a few, poor
Pepper trees	dm.
Eucalyptus	a few.
Palms	a few small,

Beaumont to San Jacinto Lake

<i>Odostoma pseudeugetium</i>
<i>Quiesia wishigenii</i>
" <i>dunosa</i>
<i>Rhus ovata</i>
" <i>trilobata</i>
<i>Nettromelis</i>
<i>Cretostophylos glauca</i>
<i>Prunus ilicifolia</i>
<i>Rhamnus crocea</i>
<i>Ceanothus crossifolia</i>
<i>Lonicera subspicata</i>
<i>Fragaria</i>
<i>Atriplex canescens</i>
<i>Eriogonum pseudeugetium</i>
" <i>elatogatum</i>
<i>Ranuncula polystachys</i>
" <i>stachyoides</i>
<i>Fraxinus</i>
<i>Hosackia glabra</i>
<i>Chilicothle</i>
<i>Yucca whipplei</i>
" <i>nobovensis</i>
<i>Pentstemon antiochensis</i>
<i>Artemisia californica</i>
<i>Faucheria californica</i>
<i>Trifolium</i> <i>affratidiss</i>
<i>Rhamnus ilicifolia</i> a few

Beaumont

*Eurocarpus setiger* abr  
*Croton caly* -  
*Nicholiana lanceolata*  
*Ptilora virginata*  
 " *pherocepa*  
*Croothiogynne bernardia*  
*Helianthus annuus*  
*Artemisia draconioides*  
 " *californica*  
*Ambrosia*  
*Cucurbita*

2 mi. West

*Opuntia bernardia* co  
*Prosopis* afur

Pasadena, Sept. 23 & 24.

<i>Trichostema lanceolata</i>	- 1700
<i>Eurocarpus setigerus</i>	- "
<i>Ducus agrifolia</i>	- 2000
" <i>viscidissima</i>	7500 -
<i>Plantus angustifolius</i>	750 -
<i>Artemisia californica</i>	- 2000
<i>Ranuncula polystachia</i>	- 4000
" <i>stachysoides</i>	- "
<i>Hordeum glaucum</i>	- 2000
<i>Horehound</i>	- 1800
<i>Grindelia</i>	- 3000
<i>Eschscholtzia</i>	- 1500
<i>Ptiloreia virginata</i>	- 1800
" <i>pherocepa</i>	- "
<i>Eriogonum elongatum</i>	- 4000
<i>Opuntia occidentalis</i>	-
<i>Zenobia douglasii</i>	- 3200
<i>Hibiscus anomalis</i>	- 1500
<i>Eriogonum fasciculatum</i>	- 3000

Up Mt. Lowe Sept. 24.

• <i>Quercus aquifolia</i>	- 2200
• " <i>whiziana</i>	2000 - top
• " <i>leucosperma</i>	2200 -
• " <i>chrysolepis</i>	2800 - top
• <i>Platynus racemosa</i>	2000 - 5000
• <i>Rhus laurina</i>	1500 - 4000
• " <i>ovata</i>	5000 - 5400
• " <i>trilobata</i>	
• " <i>discrepans</i>	2000 - 5000
• <i>Rhamnus californica</i>	2000 - 5500
• " <i>ilicifolia</i>	2000 - 5400
• <i>Ceanothus diversifolius</i>	2300 - 5500
• " <i>crassifolius</i>	2000 - 4000
• <i>Sambucus racemosa</i>	4000 - top
• " <i>glandulosa</i>	- 2000
• <i>Adenostoma fasciculatum</i>	2000 - 5400
• <i>Ranuncula polyrhiza</i>	- 4000
• " <i>stauntonii</i>	- 4000
• <i>Diplostephus longiflorus</i>	4000 - 5500
• <i>Thlaspi glaucinum</i> (poison)	
• <i>Heteromeles</i>	2000 - 4500
• <i>Aretosbphylls taractoria</i>	3000 - top
• " <i>glaucia</i>	4000 - 5200
• <i>Garrya</i>	3000 - top
• <i>Lonicera subspicata</i>	" - "
• <i>Yucca whipplei</i>	" - 5400
• <i>Zauschneria californica</i>	2000 - 4400
• <i>Circocarpus parvifolius</i>	3200 - 5500
• <i>Pseudotsuga macrocarpa</i>	2000 - top
• <i>Umbellularia</i>	2000 - "
• <i>Pinus ilicifolia</i>	3500 - 5400
• <i>Eriodictyon tomentosum</i>	" - 5400
• " <i>glutinosum</i>	

Glen Alpine town	4500
<i>Aesculus macrophylla</i>	2000 - 4500 -
<i>Pentstemon terminalis</i>	4000 - top
<i>Purshia</i>	mid bef " - "
<i>Rubus spinosa</i>	11. 5400 -
<i>Holodiscus</i>	11. " -
<i>Henckelia</i>	(small) " - -
- <i>Pinus monophylla</i>	- 1 on top
- <i>Ceanothus tomentosus</i>	2000 - 4000

Mt. Lowe

<i>Adonis</i>	20 or 3500 ft
<i>Genista rigida</i>	" to 3500
<i>Clethra beecheyi</i>	" to top
<i>Eutamias warreni</i>	2000 - top
<i>Neotoma</i> , bases at 4500 + 5500	
<i>Urocyon</i>	traces to top

Arroyo Seco. Ep. 27. 1100

- *Bentha bernardina*
- " *occidentalis*
- *Lyptosparte ageratina*
- *Buxus aquifolia*
- *Ramona polystachya*
- "
- *Astenuaria californica*
- *Hedysarum glabre*
- *Samolus*
- *Elmisoë douglasii*
- *Boccaris viminea*
- *Microseris glauca*
- *Rhamnus californicus* 1200- Top
- *Vitis*
- *Bobonos dieblee*
- *Panaxia diaphana*
- *Alnus*
- *Selix*
- *Abies* E. 1200 -
- *Populus trichocarpa*
- *Carotheres tonatosa*
- *Cercocarpus parvifolius*
- *Endlicheria tonatosa*
- *Rhamnus tonentillyi*
- *Rubus*
- *Elms ovata*
- *Diplacus longifolus*
- *Leptosparte craigii* -
- *Loriaria*

Top 5500

- 1200 *Quercus chrysolepis* 1400- top
- " *Castilleja* "
- 2000 *Artemesia* "
- " *Rhus malifolia* 1300-
- " " spring? "
- *Monnier eximia* "
- *Arctostaphylos tanacetifolia* top
- " " glauca "
- *Crassulus divaricatus* 1600- "
- *Acer macrophyllum* "
- *Plexis aquatica* "
- *Quercus dumosa* 2200-
- *Berberis fendleri* "
- *Arbutus menziesii* "
- *Swartzia Camp* 3000
- *Rhus trilobata* "
- *Puntius tristis* "
- *Bigelovia grandiflora* - top
- *Crassulus soradatus* "
- *Pinus contorta* N.E. 3000- "
- *Libocedrus* safflowers on N.E. slope

Amojo Sico

<i>Chamaea</i>	
<i>Pipilo seniculus</i>	
<i>Dendroica auduboni</i>	
<i>Chelocoma</i>	
<i>Loftostix lobij</i>	
<i>Dicrurus ogypolius</i>	
<i>Platyrinchus</i>	
<i>Poecilea hyperythrus</i>	
<i>Sayornis nigricans</i>	
<i>Psaltriparus</i>	
<i>Coturnis</i>	
<i>Catherpes</i>	
<i>Cyanocitta</i>	1600 -
<i>Polyophaea</i>	2000 -
<i>Pithec megalorix</i>	
<i>Contopus richardsoni</i>	1,1500 -
<i>Empidonax</i>	1 1000 -
<i>Copreola anna</i>	" -
<i>Dryobates nuttalli</i>	1 at 3500
<i>Cinclus</i>	1 at 1500
<i>Geositta</i>	" 3500 - top
<i>Laniocera hypopyrra</i>	2,900 -
<i>Geococcyx</i>	heres to 5500
<i>Toxostoma</i>	a few 1200 - 3500

Table 38, Colby's camp 3500,

<u>La Junga Cr.</u>	3200
<i>Pinus contorta</i>	3200 - 6100
" <i>pondrosa</i> 1 tree at " - 2000	
<i>Pseudotsuga menziesii</i>	" - 5500
<i>Artemisia tridentata</i>	" - 7000
<i>Leucosidea curvata</i>	" - 500
<i>Quercus wislizenii</i>	" - 5500
<i>Pinus parryana</i>	5200 - 8000
" <i>Jeffreyi</i>	" - "
" <i>Tambristiana</i>	" "
<i>Libocedrus decurrens</i>	5300 - 7700
<i>Solidago californica</i>	" - 7700
<u>Sept. 29, to Buckhorn</u>	
<i>Abies concolor</i>	6000 - 8000
<i>Acer glabrum</i> <i>acerifolium</i>	" -
<i>Cercocarpus ledifolius</i>	" - 7000
<i>Hurshera</i>	" cold gutch
<i>Amelanchier</i>	" 6500
<i>Ciratodiplosis virens</i> ?	"
" <i>petula</i>	6300 - 7500
<i>Amelanchier cordata</i>	" - "
<i>Wyethia</i>	6000
<i>Bigelowia</i>	"
"	"
<i>Casteropsis</i>	ns 7000 - 7500
<i>Pinus flexilis</i> ?	" " - 8000
<i>Ribes cereum</i>	6000 - 7700
<i>Lupinus</i> silvery	7000 - 8000
<i>Sambucus</i>	6000 - 7500
<i>Holodiscus</i>	" - 7800
<i>Rubus vitifolius</i>	6500 - 8000

Sept. 30 Buckhorn to Idaho  
*Oreococcyx elegans* 7500

Za fungs Canyon sp. 28  
*Tunica thurberi* a few - 3200-5500  
*Zenaidura* a few  
*Aphelocoma* com  
*Pipilo nebulosus* com  
*Chamaea* com all along  
*Perisoreus griseus* 2 3900  
*Chrysomitus lawrencei*, heard, at 4000  
  
*Sitta pygmaea* com - 5200-  
" akehata a few "  
*Cyanocitta* "  
*Dendrocopos auduboni* com.  
*Syrmium malcolmi* heard 5300-

Sept. 28, to Buckhorn  
*Oreortyx* com. - a flock, 5500  
*Carpodacus* a few "  
*Psaltriparus* com 5500  
*Zenaidura* com 5600  
*Caloptilis* 1 5600  
*Melanerpes formicivorus* 3, 1, 6000  
*Arthea* "  
*Neotoma* com "  
*Myadestes* 1 7000  
*Archibuteo* 1 "  
*Aquila* 1 7900  
*Accipiter cooperii* 1 6500  
*Falco sparverius* 1 8000  
*Hemimelphophis elata* 1 6500  
*Selasphorus calliope* 1 7000

Sept. 30	Buckhorn	62slip +	
Kinglet		heard	
Catherpes		1 at 6500	
Junco		con	
Dendroica auduboni		-	
Corporodacus frontalis	1		
Spinus pinus		heard at 7000	
Passerella		con	
Falco sparverius		"	
Buteo swainsoni		one at 7000	
Aquila		"	
Parus gambeli		con	
Sialia occidentalis		"	
Cyanocitta		"	
Colaptes		"	
Dryobates hylocetes		"	
Wilsonia	1 at 6500		
Orestry	6	" 7000	
Cyanocitta		heard at "	
Meleagris		" 7500	
Colaptes	7	" 6500	
Megascops	"	"	
Cathartes fasciata		2 at 7000	

Sept 30. Reddish & Islets	
<i>Quercus chrysolepis</i>	- 7500
<i>Carthamus cardunculus</i>	- 8000
<i>Arctostaphylos patula</i>	- "
<i>Ribes cereum</i>	- 1800
<i>Primula</i>	
<u>over ridge to Cimago</u>	
Sept 30. Down & Squirrel Inn.	
<i>Artemisia tridentata</i>	- 6500
* <i>Fucea whipplei</i>	- 6500
<i>Carthamus divaricatus</i>	- 6000
<i>Rhamnus californicus</i>	- "
<i>Diocarpus parvifolius</i>	- 5500
<i>Quercus wislizenii</i>	
" <i>denverana</i>	5000
<i>Arctostaphylos glauca</i>	5500
" <i>maritima</i> ? a few	"
" <i>tanacetifolia</i>	"
<i>Pseudotsuga</i>	- 6000
<i>Pentstemon tenuifolius</i>	- 5500
<i>Prunus ilicifolia</i>	- "
<i>Rhamnus</i>	- "
<i>Adonis</i>	- 5200
<i>Carthamus crocopholius</i>	- 4000
<u>Squirrel Inn</u> 3300	
<i>Quercus agrifolia</i>	- 3300
<i>Platina</i>	- "
<i>Salix</i>	- "
<i>Alnus</i>	- "
<i>Umbellifer</i>	- "

5. Squirrel Trees

E	Proegm. lotas, trees to 5500	
C	<i>Eutimia mexicana</i> - locos	
J	<i>Citellis brevipes</i> - -	
Z	<i>Notona</i> house - -	
C		
S		
A		
A		
P.		
S	<i>Zonotrichia</i> co., loco	
C	<i>Thraupis</i> 2 of 4000	
C	<i>Citellus punctatus</i> "	
S	<i>Zonotrichia</i> "	
V	<i>Cathartes</i> 3000	
C	<i>Lydobates ventralis</i> 2000	
C	<i>Amphispiza belli</i> 1,000	
T	<i>Zophodex vallada</i> 2000	

flora Sausal de

<i>Heteromeles</i>	3300
<i>Ranunculus polyrhizus</i>	"
<i>Lonicera</i>	3000
<i>Rhus trichocalyx</i>	"
<i>Lepidostachys squamata</i>	"
<i>Opuntia aciculata</i> a few	"
<i>Ceanthus thyrsiflorus</i>	"
<i>Tamias</i>	"

Rimosa

<i>Ranunculus</i>	2000
<i>Hosackia glabra</i>	"
<i>Eriogonum fasciculatum</i>	"
<i>Rhus lancea</i>	"
<i>Baccharis pilularis</i>	1200
<i>Fragaria</i>	"
<i>Heterotheca floribunda</i>	1000
<i>Citrus californica</i>	"
<i>Ambrosia</i>	"
<i>Lasioglossia glandulosa</i>	"
<i>Corethrodrys berardiana</i>	"
<i>Heteromeles acerifolia</i>	"
<i>Senecio lautus</i>	2000
<i>Populus tremuloides</i>	"
<i>Juniperus californica</i> 1/4 mi 1000	
<i>Opuntia paradoxa</i>	"
<i>Eriogonum sitigerum</i>	"

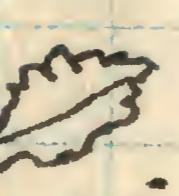
San Pedro, Oct. 6 - 8

*Eremocarpus stiziformis* co  
*Croton calif.* - "  
*Baccharis?* small. "  
*Medicis?* "  
*Asclepias palmeri* "  
*Heterotheca floribunda* "  
*Artemisia calif.* "  
*Zygium*  
*Rtriplex*  
*Opuntia occidentalis*  
" *prolifera*  
*Micromeria glomerata*  
*Heliotropium curassavicum*  
*Dalea ornata*  
*Suaeda*  
*Mesembryanthemum*  
" *Distachys nudicaulis*  
*Ensetea calif.* ?  
Wild mustard abn.  
*Marrubium vulgare* "  
*Isomeria globosa* co  
*Corethrodrys virgata* co  
*Gnaphalium*

San Pedro

*Rorvorant* 1  
*Larus*  
*Ardea herodias* co  
*Neaminus longirostris* 3  
*Aegilites* 6

Oct. 12 San Diego

*Platynus racemosus* elongatus  
*Nicotiana glauca* con.  
*Sambucus* "  
*Hediondela* con.  
*Rhus integrifolia*  
" laevigata  
" *divisiloba*  
*Rhus ovata*  
*Eriogonum torulosum*  
*Lonicera subspicata*  
*Opuntia occidentalis*  
" *bernardina*  
*Artemisia californica*  
*Agelopappus*  
*Dipterostachys* ?  
*Baccharis viminifolia*  
*Ranunculus polystachys*  
"  
*Hesperomeles glabra*  
*Grapholita*  
*Cuscuta*  
*Baccharis*   
*Yucca whipplei*  
*Isomeris*  
*Opuntia prolifera* abn.  
*Eriogonum fasciculatum*  
" *longatum*  
*Eremogeton setiger*  
*Lindernia laevigata*  
Harehound

Stockwater R

*Populus fremontii*  
*Salix m.-valleida*  
" *laceolpis*  
*Quercus agnofolia*  
*Galvezia divaricata*  
*Phacelia virgata*  
Tunnel Gulch = Steel Canyon  
*Quercus engelmanni*  
" *divaricata*  
*Adenostoma*  
*Arctostaphylos* ~~leptophylla~~  
*Rhus ovata*  
*Desmodium virgata*  
  
Tunnel Ranch  
Oct. 13  
Dulquea  
*Phlegia borealis*  
Cottonwood  
*Pentstemon antrochoides*  
*Rhamnus ilicifolia*  
" *crocea*  
*Ceanothus cordatus* ?  
" *divaricatus* ?  
" *crassifolius*  
*Prunus ilicifolia*  
*Quercus divaricata*  
" *engelmannii*  
" *aggregata*  
*Prosopis glandulosa*, 1 bush

*Arctostaphylos* *biedos*  
 " *tomentosa*  
*Cercocarpus* *parvifolia*  
 " *leptophylla*  
*Yucca whipplei*  
*Adenostoma*  
*Romneyi* *coulteri*  
*Ephedra*  
*Tetradymia* *cosmosa*,  
*Rhus* *tilobata*  
*Rhamnos* *ilicifolia*  
  
*Arctostaphylos* *glaucia*  
 " *manganaia?*  
*Eriogonum* *guttigerum*  
*Astragalus* *luteolata*  
*Ceanothus* *cuneatus*  
 Oval leaf bush

Oct. 14, Campo 2600 feet 3900 feet  
S = Summit  
*Quercus* *agilis* 5  
 " *engelmanni* 5  
 " *damosa* 5  
*Rhus* *ovata* 5  
 " *diversiloba* 5  
 " *tilobata* 5  
*Ceanothus* *divaricatus?* 5-1  
 " *cuneatus* 5  
 " *crossifolius* 5  
*Arctostaphylos* *manganaia?* 5  
 " *glaucia* 5  
*Adenostoma* 5  
 " *spiculatum* 5  
*Artemisia* *tridentata* 5  
*Rhamnos* *ilicifolia* 5  
 " *longistylis* 5-1  
*Pezzaea* *eliptophyllo* 5  
*Cercocarpus* *parvifolius* 5  
*Ephedra* 5  
*Yucca* *whitneyana*, a little 5  
 " *whipplei* co. 5-8  
*Opuntia* *occidentalis*, a few weeks 5  
 " *verreauxii?* 5  
*Louisea* *subapicata* 5  
*Gilia* *v. pulvri* 5  
*Tetradymia* *cosmosa*, a few 5  
 " *canescens* 5  
*Juncus* *divaricatus* 5  
*Chrysanthemum?* 5

<i>Sambucus</i>	5 *
<i>Salix</i>	5-1
	"
<i>Populus tremuloides</i> , set out	5-1
<i>Ranunculus polyacaulis</i> , a few "varies"	as 5
<i>Eriogonum pseudoculatum</i>	5 *
"	dogtrot
"	dwarf
<i>Noackia glabra</i>	5
<i>Rosa</i>	
<i>Solidago</i>	
<i>Prosopis glandulosa</i>	1-5-2
<i>Symplocarpus</i>	5-2
<i>Rosmarinus</i>	5

# Cuzamáca

Top of Peak 6515

<i>Prunus emarginata</i>	4000 - top
" <i>jeffreyi</i> "	" - top
<i>Libocedrus</i>	" - top
<i>Quercus californica</i>	" - "
" <i>chryssolepis</i>	" - "
<i>Alnus rhombifolia</i>	
<i>Cornus californica</i>	4400 -
<i>Crassula</i>	big, 4400 - top
<i>Prunus demissa</i>	41200 - 5500
<i>Amelanchier alnifolia</i>	4000 - 4500
<i>Erigeron par</i> "capitatum"	
"	" dwarf "
"	" specter "
<i>Prunus marginata</i>	4000 - top

Oct. 15 Campo to Cayambea

*Adenostoma sparsifolium* abr. -

Chrysanthemum indicum 213

*Chrysanthemum Bigelowii* 3<sup>3/4</sup> in.  
Succulent

*Sympboroceps racemosa?*

*Penstemon trinervius*

# Reichweite und Ausdehnung

<i>Abies concolor</i>	5500	- top
<i>Pinus lambertiana</i>	"	- "
<i>Symphoricarpos mollis</i>	"	- "
<i>Ribes</i>		- 6400
<i>Cornus nuttallii</i>	1 bunch	"
<i>Eriogonum vulpina</i>		- top
<i>Ceanothus</i>	not toads	"
<i>Actinotis myrsinifolia</i> <sup>drupaceous</sup> <del>opposita</del>	5700	- top
<i>Cirsocarpus</i>		- "
<i>Rhamnus tomentella</i>		- "
<i>Prunus emarginata</i>	6000-	

Det. 18 Mesa Grande + Black Mts. top (4055)  
*Quercus agrifolia*  
 " *engelmanni*  
 " *diversa* top  
 " *californica* bigleaf  
*Platynus*  
*Arctostaphylos glauca*  
 " *tomentosa* top  
*Rhamnus tomentella*  
 " *aliafolia* "  
*Ceanothus incanus*  
 " *foliosus* 3500-"  
 "  
*Heteromeles* top  
*Rhus trilobata*  
 " *divisiloba*  
*Cercocarpus betulafolia* near top  
 " *"glabratu"* near top  
*Lonicera subspicata*  
*Symplocos racemosa*  
*Ericogonium fasciculatum*  
*Ranuncula polystachia* top  
*Hosackia glabra* abu. - 3500  
*Sambucus glauca*  
*Eremocarpus setigerus* abu  
*Opuntia* on rocks  
*Acerostoma fasciculatum* top  
*Garrya v. palmeri* "  
*Ranuncula californica* Steyermark  
 " *"pernita"* "

*Yucca whipplei* top  
*frægnera*  
*Pinus coulteri*  
*Rhus ovata*  
*Chrysothamnus* ~~Regel~~ <sup>leptophloeus</sup> "  
*Styrox*  
*Prunus ilicifolia* near top  
*Woodwardia*  
*Pteris aquilina*  
*Asturina capricornica*  
*Rhus laurina* - near top  
*Fremontodendron* con. at  
*Dudleya pulverulenta* a few.  
*Solidago californica* con.

Oct. 18 Mesa Granda  
*Zophostyx valligola* abn.  
*Colaptes cafer collaris* co.  
*Dryobates*  
*Meleagris californicus*  
*Colaptes auratus* "  
*Pipilo senilis* co.  
*Zenaidura* "  
*Pipilo maculatus* "  
*Aphelocoma* co.  
*Carpodacus* "  
*Adenostomella ciliolata* 3  
*Baeolophus inornatus* 2  
*Psaltriparus* co.  
*Amara* "  
*Zenaidura* at water - top

Oct. 19. To Rawson

Oct. 20. To Escondido

~~San Pasqual Valley~~

Oct. 21. To San Diego

*Ceanothus* "

Oct. 23. To Los Angeles and  
Banning

Oct. 24. To Whitewater & back

to Beaumont and

Riverside

Oct. 25. To San Bernardino

Oct. 26 San Pasqual Valley  
*Opuntia occidentalis* abn.  
*Atriplex* " " " " " " "  
*Hippophae rhamnoides* "  
 " "  
*Psathyrotes annua* big  
*Psathyrotes annua* " " "  
 " " " " " " "  
*Cleystanthus* "  
*Heterotheca pumila*  
*Ptilaria elaeocarpa*  
 Creeping Thistle  
*Erigeron* "  
*Trifolium tomentelle*  
 Horned

Oct. 27 Catalina Island

*Rhus laurina* big & co.  
 " *integripila* "

*Heteromeles* "

*Lonicera subspicata* "

*Rhus diversiloba*, on rocks

*Artemesia californica* co.

*Zauschneria californica* "

*Opuntia littoralis* "

.. " *occidentalis* "

Oct. 28 Fernande, Zehringa Wash.  
*Opuntia bernardina*? abn  
 " *occidentalis*? " " small pads  
 " *Platynus* con  
*Sambucus* " "  
*Juniperus californica* "  
*Rhus laurina* "  
 " *infuginea* "  
*Yucca whipplei* "  
*Eriogonum fasciculatum* "  
*Astragalus californicus* abn.  
*Baileya vivipara* con  
*Leptospartium squamatum* abn  
*Ranunculus stachyoides* con  
 " *polystachys* "  
*Hordeum glabrum* "  
*Antennaria divaricata*? "  
*Aretostaphylos glauca* a few  
*Eriogonum tomentosum* con  
*Senecio bigelovii* "  
*Castilleja crassifolia* " a few  
*Rhamnus crocea* con  
*Heteromeles* a few

*Therionia glauca*, common place  
*Pseudotsuga macrocarpa* - on hills  
 cones in wash.

Valley out of Wash -  
*Eriogonum stigmosum* abn  
*Orotan californica* "  
*Kieckhaefera laevigata* " "  
*Ambrosia* big  
*Keenigkia* "  
*Horshornia* "  
*Helianthella annua* "  
*Abelmoschus palmeri*

Oct. 29 *Juglans californica* along washes

Oct. 30 Tunnel  
*Juglans californica* along wash  
*Quercus agrifolia* on foothills

Olives fine, abn.  
 Oranges abn. good.

Oct. 29, Santa Monica Mts. + foothills, opposite Fernando

*Platinaea canescens* above <sup>wall</sup>

*Juglans californica*

*Quercus lobata*, a large patch

*Rhus laurina*

*Eriogonum fasciculatum*

*Asterolasia californica*

*Rawora polystachya*

" *stachyoides*

*Opuntia occidentalis*

" *littoralis* ?

*Eremocarpus sanguineus*

*Alopappus palmeri*?

Horizon

*Tribosteria*

*Iptosperma squamiferum* in washes

*Quercus dumosa*

*Rhamnus ilicifolia*

*Adenostoma*

*Ceanothus "glabra"* sp. nov.

*Rhus ovata*

*Toniera subspicata*

*Rawora "nivea"*

*Zauschneria californica*

*Quercus agrifolia*

*Heteromeles*

*Ribes rugosum* ?

*Malvastrum fasciculatum*

*Ceanothus cuneatus*

*Cercocarpus glabra*

*Prunus ilicifolia*

~~*Baccharis pilularis*?~~

~~*Chrysanthemum arborescens*?~~

1 bush

com.

*Urtica whipplei*

*Rhus diversiloba*

*Diplacus longifolia*

*Rosa*

Ferns - 3 kinds

"

"

along wash

Fernando Valley

*Citellus beebei*

*Neotoma macrotis*?

Thomomys

*Perodipus*

*Taxidea* holes + tracks

*Lepus backmani*? tracks

*Canis* coyote "

Saugus Oct. 30 \* up canyons.

Valley species

*Eriogonum subgig* obs  
*Croton californicus* "  
*Frickostema*  
*Horehound*  
*Lemnos bigelowi*  
*Opuntia* *longicuspis*  
" *bassalana*  
" *rotundifolia*  
*Quercus lobata* con.  
" *agrifolia*  
*Baccharis viminea*  
*Leptospartium squamiferum*  
*Gutierrezia microcephala?*  
*Platynus racemosa*  
*Atriplex canescens*  
*Juglans californica*  
*Populus fremontii*  
*Sambucus glauca*  
*Erodium tomentosa*  
*Salix*  
" *Appleopanax pernieri?*  
*Corethrodryas bernardina*  
*Opuntia* *small pod*  
*Micromeria lanceolata*  
*Datura*  
*Alstroemeria floribunda*  
*Phlomis boliviensis* obs

On ridges & up canyons

*Quercus engelmanni*  
*Arctostaphylos glauca*  
*Juniperus californica*  
*Rhus ovata*  
" *trilobata*  
*Crataegus cuneatus*  
*Rhamnus crocea*  
*Prunus ilicifolia*  
*Prunus*  
*Oenosma fasciculatum*  
*Eriogonum fasciculatum*  
*Ranuncula polystachia*  
" *stachyodes*  
" *nivea*  
~~" *angustipila*~~  
*Hordeum glabrum*  
*Artemisia californica*  
" *tridentata*  
*Lonicera subspicata*  
*Yucca whipplei*  
*Yucca whipplei*  
*Yucca whipplei*  
*Rosa*  
*Crataegus crassifolia*  
*Crataegus*  
*Oranges*  
*Pomegranates*  
*Olives*  
*Apricots*  
*Castor beans*  
*Eucalyptus*  
*Pectenias glauca*  
*Pectenias*

Oct. 31 Santa Barbara

*Quercus agrifolia*

0 - 1400

*Ptatinus*

0 - 1200

*Sambucus glauca*

200 - 1000  
ripe fruit

*Salix*

" *Rhus laurina*

200 - 6000

" *integifolia*

200 - 500

" *divaricata*

300 - 2500

*Carthamus* "globe", sp. 200 - 2500

*Rhamnus crocea*

200 - 1000

" *californica*

200.

*Artemisia californica*

200 - 1200

*Baccharis pilularis*?

200 - 400

*H. th. concles*

4000 - top

Forest Dis. Post 5000;

*Rubus polystachya*

300 - 500

" " *agrestis*

" "

*Cercocarpus glabra*

500 - 2000

*Carthamus macrocarpus*

" - 3000

*Quercus douglasii*

" - top

*Adenostoma*

" - "

*Diplacus*

600 - 2500

*Ericary* 900?

*Prunus ilicifolia*

700 - 3700

*Hosackia glabra*

" - top

*Molophilum fasciculatum*?

"

*Lonicera subspicata*

900 - 2500

*Umbellularia*

1000 - top

*Cantharis tormentosus*?

" - top

Wine 1000?

*Actinonema rigidum* 1000 - 3900

*Arctostaphylos tormentosa*? 1500 - top?

" *glauca* 1600 - 3600

Ridge above orchard 2000 -

*Pinus coulteri* " - top

*Eriodictyon traskiae* " - 3900

*Garrya "globose"* 2500 - top

*Quercus losgleicensis* 2500 - "

*Thyrax* 3000 - 3500

*Cercocarpus betuloides* " - 3700

*Rhamnus ilicifolia* " - 3200

*Xylosteum montana* 3300 - top

*Castilleja pallida* " - "

*Crassifolius* " - "

*Arctostaphylos* " - "

*Yucca whipplei* " - "

*Quercus chrysolepis* 3500 - 4000

" *duniflora* 3700 - 4000

*Chrismon "lineolata"* 1. 3900.

*Rhus ovata* 2000 - 3700

*Erriogonum parvifolium* 300 - "

*Rhamnus tomentella* 1600 - "

*Ribes sanguineum* 1. 2500

" *mengelii*? 1. 600 - 1000

~~Petrea~~ *Prunus dipetala* 2600

*Garrya* " - "

*Cithrus* " - 1600

*Acer macrophyllum* " - "

H. T. Blake, Oceanside, hotel  
Mrs. B. W. Murry, San Diego

New York  
Grand Hotel

Miss G. V. Blaine

2428 Pine St. San Fran

Mrs. C. E. Brock, Santa Ana  
519 - 4th St

Mrs. T. E. Ellis, Elsinore

Att. Willits, Hemet

W. L. Abdill, Idyllwild

C. O. Barker, Banning

brother in law of Miss Roth

Altavista Hotel, Banning

Bennett, caught 90 coyotes

Plainville, Minn.

L. M. Bothwell, cook + packer

Westchesterfield, N.H.

Thurman, Bluff Park

Roger S. Palmer  
North Ponora

George Robertson, botanist,  
Mentone - Send fannas + D. V. Rep.

William Eikola, for coyotes  
Redlands, skulls 25, skins \$1.50

S. G. Howard

Redlands wants to get coyotes

Dr. H. G. Atwood, Riverside

Opera House block

Walter L. Richardson

120 Arroyo Drivs, Pasadena

Chas. H. Richardson (Swst 2392)

48 N. Wilson Ave, Pasadena,

Francis E. Leupp

U.S. Com. Indian Affairs

W. W. Morris, 3749, 4th St.

E. W. Colby, Pasadena, box 324

Mrs Chas. Curtis

2103 Thompson St. Los Angeles

H. T.  
Mrs.  
Mr  
Miss

2 L

Mrs.

Mrs.  
Mr.  
W.

C. O. B

bro

Altar

Plain

L.

W.

Rock

Geo

Me

Will

Ros

S. C.

Rid

Dr. H.

Op

2590 1/4

Weller, Moers

Mrs. Alida Weller  
Executive Agent for  
Telephone

Miss A. Z. Dole

2608 La Salle Ave.

Will Flanagan  
Silver City

Mrs. E. L. Jackson

Redlands, 909 W. 5th

Dolf Kolb, Banning

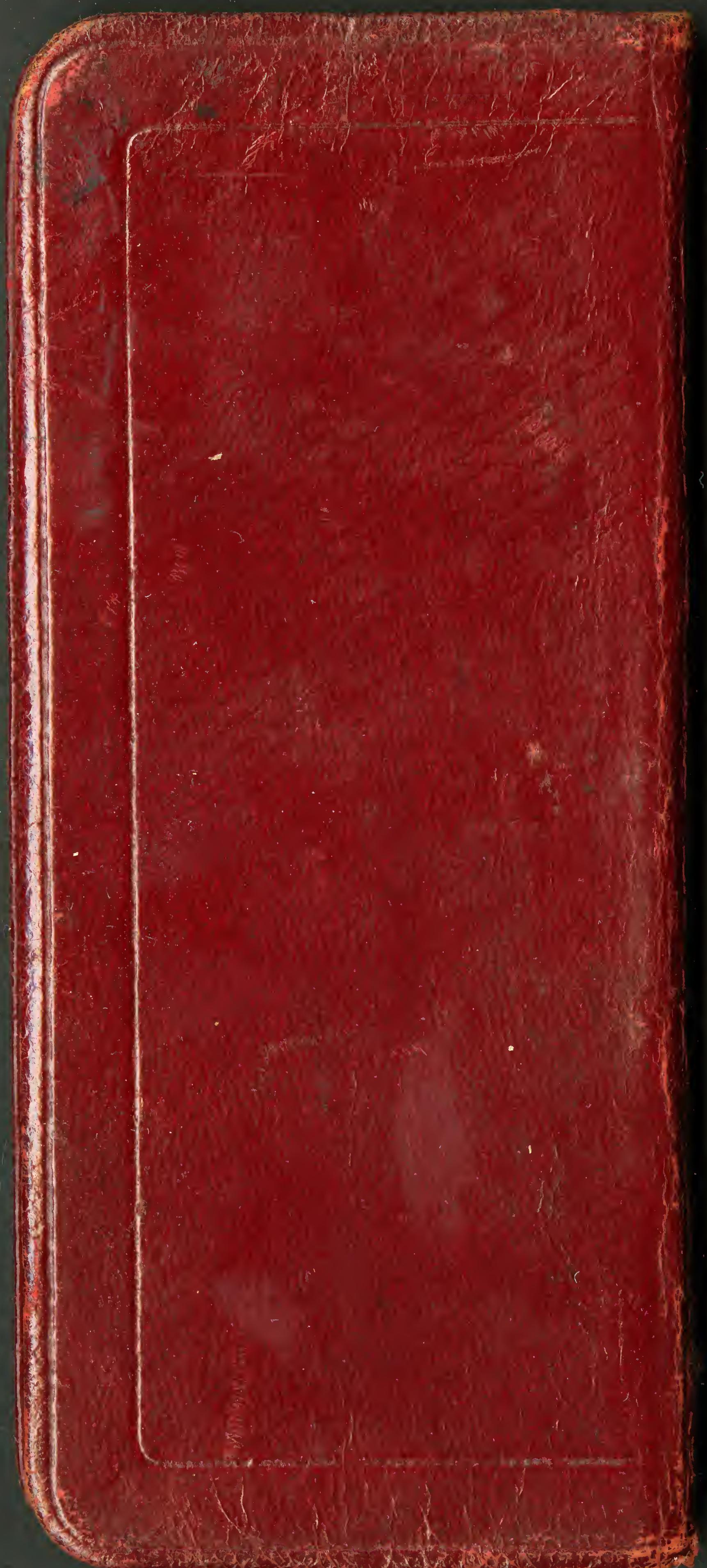
For Dancer of Guava, see  
German Seed Co., Los Angeles.

Dr. Wm. Babb  
584 Wall St., Los Angeles

For Tessier birds get off at  
Rosemary or Santa Monica Bay  
& go N.W.

8245

Red Bluff, 425 Butte St



Santa Cruz Mts. Oct. 31	
Aquila	2 at top
Falco sparverius	1
Aphelocoma	10
Chonaa	co
Pooecetes	1
Catherpes	2
Pipilo fuscus	co
Melospiza	a few
Carpodacus	"
Astragalinus	a few low down

Scurus magus heard at 3000  
 Entomis mirabilis 700 - 4000  
 com.